

nal application No. PCT/JP03/08066

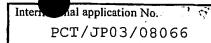
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ D01F6/74, D02G3/48, D07B5/06, D03D15/00, E04C5/07, B63H9/06, F41H1/02				
According to International Patent Classification (IPC) or to both national classification and IPC				
	S SEARCHED			
Int.	ocumentation searched (classification system followed to C1 D01F6/74, D01F6/94, C08L79 D03D15/00, E04C5/07, B63H9	/04-79/08, D02G3/48, D0		
Jitsu Kokai	i Jitsuyo Shinan Koho 1971-2003	Toroku Jitsuyo Shinan Koho Jitsuyo Shinan Toroku Koho	o 1994–2003 o 1996–2003	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
Х	JP 8-27623 A (Toyobo Co., Lt. 30 January, 1996 (30.01.96), Claims; page 3, Par. No. [001 (Family: none)		1-18	
X .	JP 11-228820 A (Toyobo Co., 24 August, 1999 (24.08.99), Claims; page 5, Par. No. [003 (Family: none)		1-4,6,9-18	
A	& EP 783603 A1 & EP	CAL CO.), 69513844 E 783603 B 9702304 A	1-18	
× Furth	er documents are listed in the continuation of Box C.	See patent family annex.	1	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot considered novel or cannot be considered to involve an inventive step when the document is taken alone document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 21 October, 2003 (21.10.03) "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document search document member of the same patent family Date of mailing of the international search report 04 November, 2003 (04.11.03)		he application but cited to derlying the invention claimed invention cannot be cred to involve an inventive e claimed invention cannot be p when the document is a documents, such a skilled in the art family		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No. 1-18 1-18
A	JP 2001-11311 A (Toyobo Co., Ltd.), 16 January, 2001 (16.01.01), Claims (Family: none)	
A	JP 2001-172845 A (Toyobo Co., Ltd.), 26 June, 2001 (26.06.01), Claims (Family: none)	
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<Subject of search>

Claims 1, 2, and 8-18 specify the polybenzazole fiber by means of characteristic values " a tensile strength retention, measured after exposure in an atmosphere of 80°C and 80% relative humidity for 700 hr, of --% or higher" and "a strength retention, measured after exposure to xenon radiation for 100 hr, of 50% or higher", and this definition comprehends an enormous scope. However, only some of claimed polybenzazole fibers are supported by the description within the meaning of PCT Article 6 and disclosed therein within the meaning of PCT Article 5.

Therefore, this search has been limited to those supported and disclosed in the description, namely, polybenzazole fibers containing as an organic pigment any of insoluble azo dyes, condensed azo dyes, dye lakes, isoindolinones, dioxazines, perinone and/or perylenes, phthalocyanines and quinacridones.